

~~CENTRAL INTELLIGENCE AGENCY~~

INFORMATION REPORT

REPORT NO.

CD NO.

25X1A

COUNTRY Czechoslovakia

SUBJECT Technical Data on Czech Modifications
 to Jet Engines

PLAGE 25X1X

PLACE
ACQUIRED

25X1X

DATE OF
INFO.

DATE DISTR.

INTELLOFAX 13
25 April 1951

NO. OF PAGES 1

NO. OF ENCLS.
(LISTED BELOW)

SUPPLEMENT TO
REPORT NO. 1

25X1A

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1. Early in 1949 about 25 captured Jumo 004 and BMW 003 aircraft engines were stored in Czechoslovakia. These engines are reported to have been reconditioned and made serviceable. The Ceskomoravska Kolben Danek plant in Prague-Liben conducted experiments to improve the power of the Jumo 004 engine by reducing the size of the turbo-disc and using a longer blade to maintain the diameter of the turbine wheel. These changes were intended to increase the air flow and improve the cooling of the turbine blades. It is not known whether the number of revolutions per minute was to be increased or what type of fuel was to be used. It was planned to increase the thrust to 10,000 kg, an increase of 15 percent.
2. Czechoslovakia has negotiated the purchase of sixty turbo-jet engines from the USSR.

Document No.

No Change in Class.

Declassified

Class. Changed To:

Auth: HR 70-2

Date: 11 AUG 1970

By: 24

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